

# OFFICIAL

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9 pages

PATENT

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

APPLICANT : KYUNG-JU CHOI  
SERIAL NO. : 09/781,786  
FILING DATE : 02/12/01  
ART UNIT : 1723  
EXAMINER : TERRY K. CECIL  
FOR : PRODUCT AND METHOD OF FORMING  
SUCCESSIVE LAYERS OF FACE-TO-FACE  
ADJACENT MEDIA WITH CALCULATED PORE SIZE  
DOCKET NO. : 00-6AAF (DN 7814)

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT "D" (After RCB)

This is a response to the Office Action of 01/08/03 in the subject application. Claims 1-44 are pending in the application.

1-3) Pursuant to the restriction requirement, Applicant elects Claims 1-18, drawn to a filter media (Group 1). It is understood that the restriction requirement will be withdrawn upon allowance of the linking Claims 28-44. Applicant reserves the right to traverse the restriction requirement, in the event the same becomes necessary at a later stage in prosecution of the subject application.

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4) At page 14, lines 6-15, the paragraph set forth has been corrected from "medium" to --- media ---, each appearance (see Exhibits "A" and "B" attached). Also, Claim 27, as it has been amended at pages 8 and 9 of Amendment "C" (RCE), filed 10/14/02, now is amended as a Second Amendment to correct the word "medium" to --- media ---.

Finally, Claim 19, as it has been amended at pages 7 and 8 of Amendment "C" (RCE), filed 10/14/02, now is amended as a Second Amendment to include at line 3 thereof the language --- subsequent pore size after being processed and bonded ---.

5) It respectfully is submitted that the aforementioned amendments respond fully to Examiner's notes and now place all of Claims 1-44 in proper condition for allowance for the reasons stated in RCE Transmittal Amendment "C", filed 10/14/02. As has been previously stated ... "there is neither a teaching nor the faintest suggestion whatsoever of the important four combined factors of layer thickness, porosity, fiber and pore sizes. In fact, there is no mention whatsoever in this AP article of the "porosity" factor and it is this factor of "porosity" in combination with the other three considered factors that assures the now clearly recited result wherein overall average pore size of the combined successive thicknesses is smaller than that of the average pore size of that of the finest fiber thickness, so as to optimize filtration performance efficiency...".

Applicant is faxing this Amendment "D". After RCE to Examiner at the fax number below. In the event Examiner persists in its rejection of the Claims as now amended, it respectfully is requested Examiner telephone Applicant's Attorney at the telephone number below in order to resolve any remaining differences or to arrange for an interview at Examiner's

office, with Examiner, Examiner's Supervisor, Applicant's Attorney and hopefully, Dr. Cho, in attendance.

Respectfully submitted,



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CERTIFICATION

I HEREBY CERTIFY that this correspondence is being faxed to Examiner at telephone number: 703-872-9310 <sup>APH</sup> with the correspondence being addressed to: Box Non-Fee Amendment, Commissioner for Patents, Washington, D.C., 20231, this 3<sup>rd</sup> day of February, 2003.



Ralph B. Brick

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